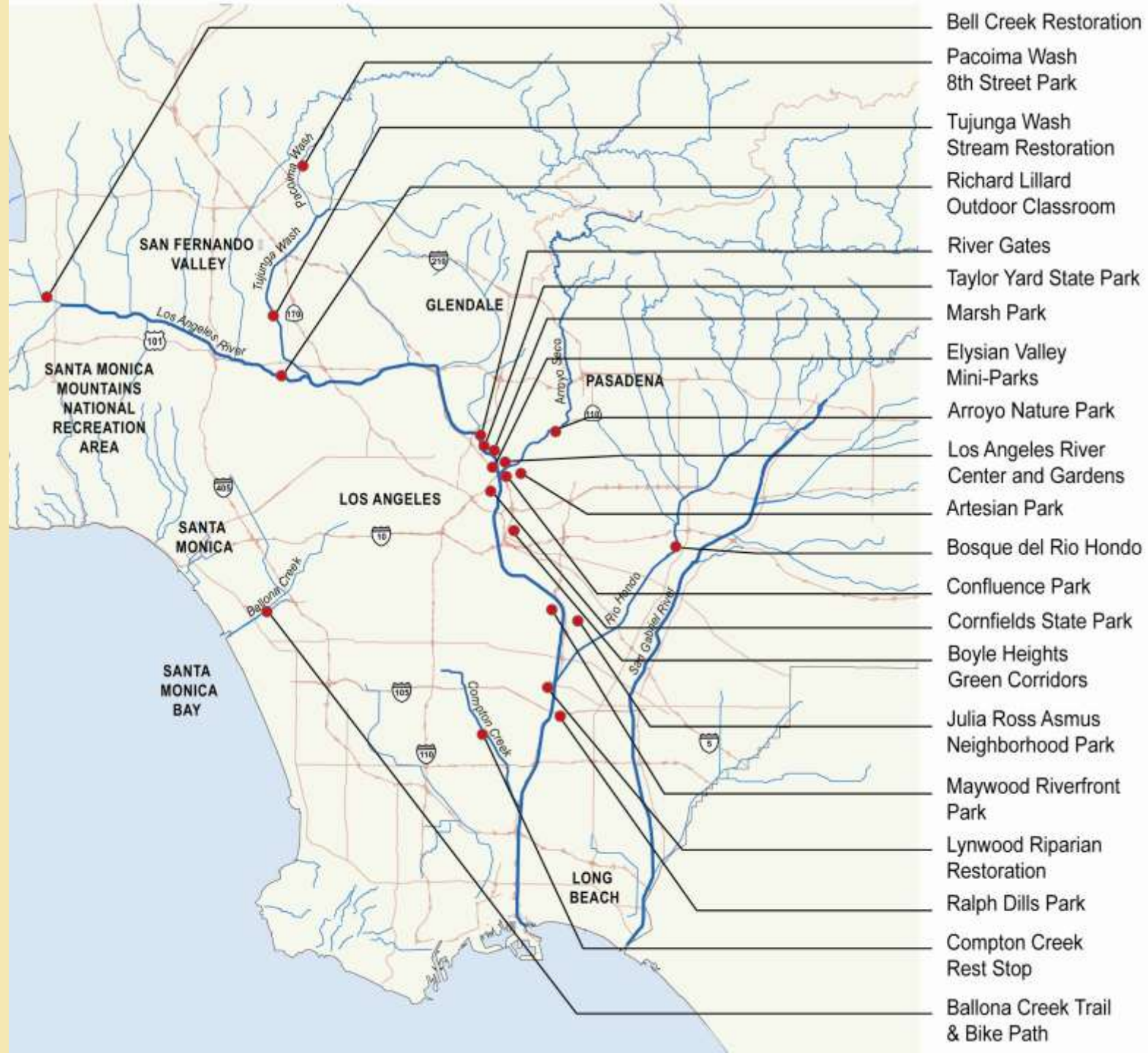


# Los Angeles River & Tributaries



**Urban Parks Projects and Watershed Division**

Mountains Recreation and Conservation Authority





# LOS ANGELES RIVER AND URBAN PARKLANDS

SANTA MONICA MOUNTAINS CONSERVANCY AND  
MOUNTAINS RECREATION CONSERVATION AUTHORITY

## PACIFICA WASH GREENWAY EIGHTH STREET PARK

The new park Eighth Street Park is located at San Fernando will collect and clean 35 acres of street runoff while restoring habitat and connectivity to the Pacifica Wash and San Gabriel Mountains.



## TUJUNGA WASH GREENWAY AND STREAM RESTORATION PROJECT

The innovative project cleans water from a concrete flood control channel, naturally cleans, protects, and restores enough groundcover to satisfy the drinking water of 750,000 residents each year.



## RICHARD LILLARD OUTDOOR CLASSROOM

Spanning scenic views along the river in Studio City, the Richard Lillard Outdoor Classroom enhances the natural beauty of the Los Angeles River with a shady walking path, interpretive displays, amphitheater, and native natural landscaping.



## LOS ANGELES RIVER GREENWAY POCKET PARKS

The MCA developed a series of study parks along the historic "left bottom" portion of the river including Charles Valley Gateway, Ballona Creek, Day, Doheny, and Cahuilla Parks. They include artful gateways, walkways, an amphitheater, picnic benches, interpretive displays, and more.



## LOS ANGELES RIVER GREENWAY MARSH PARK

The first of four water-related parks on the Los Angeles River, Marsh Park demonstrates the most simple, cost-effective way to clean pollutants before they enter our watersheds while bringing nature back into our neighborhoods.



## LOS ANGELES RIVER CENTER AND GARDENS

The beautiful fountain-like River Center campus serves as a focal point for the collective effort to revitalize the Los Angeles River. Amenities include a visitor center, the River Garden Park, a large staging area, and conference facilities.



## CONFLUENCE PLAZA

The first phase of a park complex near the confluence of the Los Angeles River and the Arroyo Seco with a stunning view of the Santa Monica Mountains. Confluence Plaza features state-of-the-art interactive features.



## BALLONA CREEK TRAIL AND BIKE PATH

The MCA has restored some of the natural habitat, and improved public access and safety along the right-of-way. The project includes installing new entrances, including signage, and painting the greenway with water plants.



## VISTA HERMOSA NATURAL PARK

Built with state-of-the-art "green" technologies, 10-acre Vista Hermosa Natural Park restores some of the landscape and native vegetation in a heavily populated area near Downtown Los Angeles.



# Mountains Recreation and Conservation Authority:

*Trails, Greenways, and Parks and Open Space*

## Los Angeles River Bikeway

Steelhead Park	2 1/2 mi.
Los Angeles River Center	2 3/4 mi.
Arroyo Seco Bikeway	3 mi.
Union Station (via streets)	3 3/4 mi.
LARIO Trail	15 mi.



# Multi-Benefit Approach

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- **Polluted Waters**
- **Poor Air Quality**
- **Insufficient Recreational Facilities**
- **Insufficient Habitat for Wildlife**
- **Lack of Groundwater Replenishment**
- **Public Health Issues**





# Marsh Street Park





# Clean, Detain, and Infiltrate Storm Water





# Marsh Park “Site 1”- Recreation





# Vista Hermosa Park



*Detention Meadow*

*Green Roof*

*Low Water Use Planting*





**Detention Basin**



**Cistern/ Overflow**



**Culvert**



**Green Roof**



**Permeable Paving**







*Permeable Concrete*



*Interpretive Signs*



*Bike Racks*

*Permeable Concrete*

*Permeable Pavers*





## **Synthetic Turf**

- *Saves Water*
- *Filters water*
- *Provides detention*





*Habitat Planting*

- *Permeable DG Paving*
- *Exercise Trail*

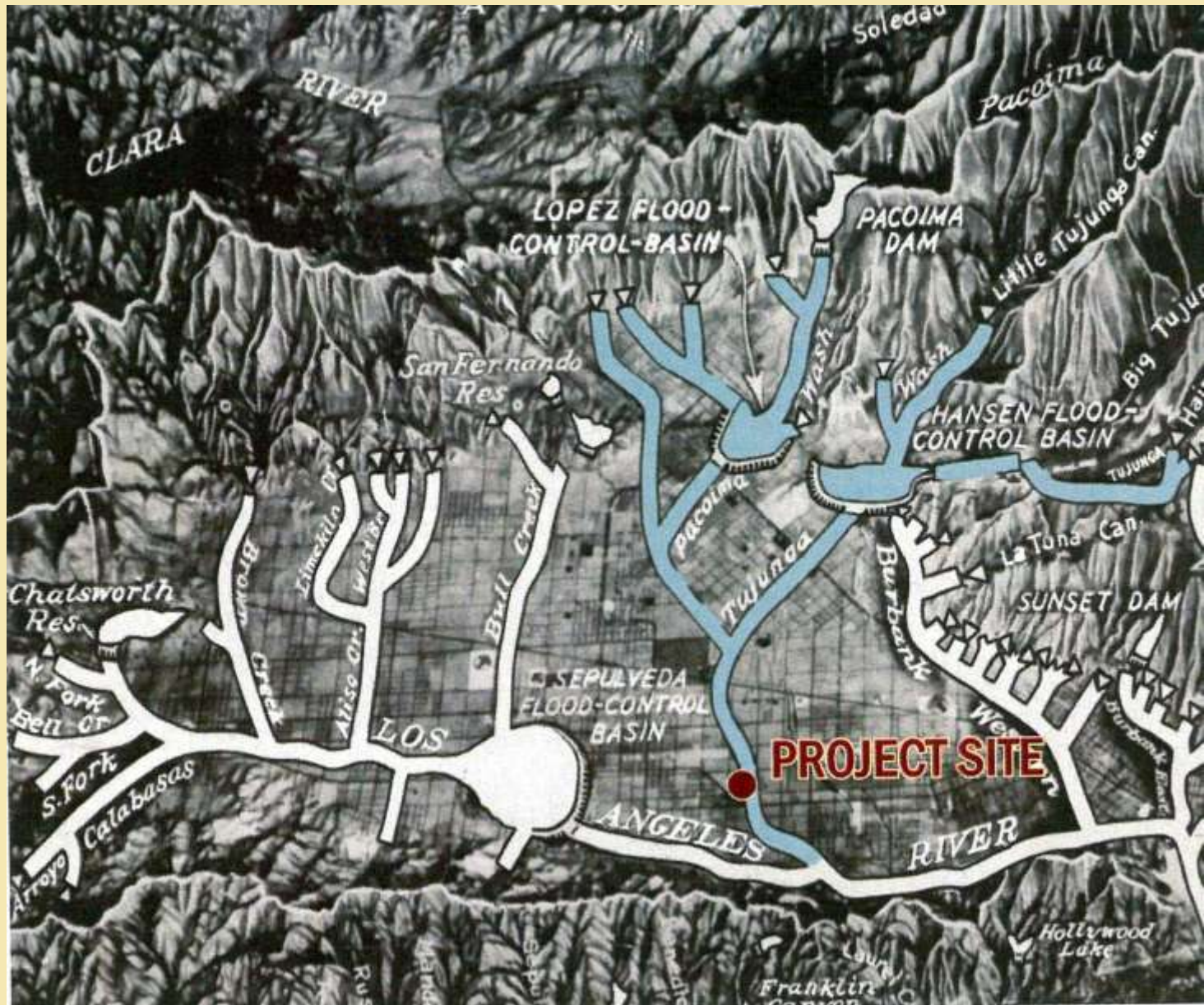




*Nature Education*



# Tujunga Wash Stream Restoration



# Tujunga Wash Stream Restoration





# Tujunga Wash Stream Restoration: Partnership with County of Los Angeles





# Tujunga Wash Stream Restoration





# Tujunga Wash Stream Restoration





# Confluence Plaza





# **Many Benefits From An Urban River Project**

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- **Water Quality**
- **Better Air Quality**
- **Improved Recreational Facilities**
- **Improved Wildlife Habitat**
- **Increase Groundwater Recharge**
- **Improved Public Health**



# **Many Benefits = Complicated Financing**

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- **Requires a project to cobble together funds from water quality, air quality, park and recreation, habitat, and groundwater programs.**
- **Complex funding requires additional time to implement projects**



# Tujunga Wash Restoration: Examples of Funding Sources

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- **LA County Open Space District - Prop A** **\$3,000,000**
- **CA Department of Water Resources – Urban Streams  
Proposition 13** **\$525,000**
- **Santa Monica Mountains Conservancy -  
Prop 50** **\$100,000**
- **Santa Monica Mountains Conservancy -  
Prop 84** **\$300,000**
- **California Resources Agency River Parkways -  
Prop 12** **\$1,900,000**
- **County of Los Angeles Department of Public Works** **\$1,500,000**



# Remaining State Bond Resources

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(mainly bond funds)

## River Parkways Program

- Administered by the Resources Agency
- Approximately \$30 million remaining statewide
- Proposals for the final Prop 84 funding cycle are due on October 14, 2011. Awards for the final funding cycle and the remaining \$30 million are expected to be announced in Fall 2012.

## Urban Streams Restoration Program

- Administered by the Department of Water Resources
- Approximately \$8-10 million remaining statewide
- It's anticipated that DWR will administer the final prop 84 funding cycle for the program in 2012

## Statewide Parks Program

- Administered by the Department of Parks and Recreation
- Approximately \$184 million remaining statewide
- The final funding cycle is under way. Awards for the final funding cycle and the remaining \$184 million are expected to be announced in early 2012.



# Remaining State Bond Resources

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## Urban Greening Grant Program

- Administered by the Strategic Growth Council
- Approximately \$20 million remaining after completion of the 2<sup>nd</sup> grant cycle
- The Strategic Growth Council will administer three cycles for the Urban Greening Grant Program. They are currently reviewing proposals submitted during the second round of the Urban Greening Program. Awards for the second round of the program are expected to be announced in early 2012.

## Storm Water Grant Program

- Administered by the State Water Resources Control Board
- Approximately \$82 million will be available for projects that prevent and reduce contamination of rivers, lakes, and streams. Funding will help local agencies comply with permits and will focus on low impact development projects and projects that help agencies comply with TMDL's.
- It is expected that the State Water Resources Control Board will accept applications for this program on an open basis beginning November 15, 2011.

## Integrated Regional Water Management – Implementation Grants

- Administered by the Department of Water Resources
- Approximately \$600 million remaining
- Round 1 of the Prop 84 IRWM Implementation Program is complete. It is anticipated that Round 2 of the Prop 84 IRWM Implementation Program will begin in spring/summer 2012. It is unclear how much funding will be available for round 2.



# Remaining State Bond Resources

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- Integrated Regional Water Management – Planning Grants
- Administered by the Department of Water Resources
- Approximately \$10 million remaining
- Round 1 of the Prop 84 IRWM Planning Grant Program is complete. It is anticipated that Round 2 , the final round, of the Prop 84 IRWM Planning Grant Program will begin in December 2011. It is anticipated that the full \$10 million remaining will be award in the final grant cycle.
- Storm Water Flood Management Grants
- Administered by the Department of Water Resources
- Approximately \$90 million remaining
- Round 1 of the Prop 1E Storm Water Flood Management Program is complete. It is anticipated that Round 2 of the Prop 1E Storm Water Flood Management program will begin in summer 2012. It is unclear how much of the remaining funding will be available in round 2.

# Recommendations

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- 1) Assure the remaining state funds continue to be available to these types of projects.
- 2) Recognize the value of these projects and make them a priority for state funding.
- 3) Create new funding sources for urban river projects that allow for many benefits to be funded from a single source.





